What is claimed is:

1. An ejector comprising:

a nozzle for defining therein a passage through which a drive fluid flows, the nozzle including a throat portion having a cross-sectional area that is smallest in the passage of the nozzle;

a pressure-increasing portion in which a fluid is sucked by entraiment of a jet flow of the drive fluid injected from the nozzle and is mixed with the drive fluid injected from the nozzle; and

an adjustment unit that is disposed to adjust an opening degree of the throat portion and an opening degree of an outlet of the nozzle.

- 2. The ejector according to claim 1, wherein the adjustment unit includes a needle valve that extends at least from the throat portion to the outlet of the nozzle.
- 3. The ejector according to claim 2, wherein the needle valve is disposed to be moved in an axial direction of the nozzle.
  - 4. The ejector according to claim 2, wherein:

the nozzle further includes an expansion portion downstream from the throat portion; and

the needle valve at least extends to an outlet of the expansion portion.

5. The ejector according to claim 1, wherein: the adjustment unit includes a needle valve extending at least

from the throat portion to the outlet of the nozzle, and an actuator for moving the needle valve.

- 6. The ejector according to claim 5, wherein the needle valve extends at least from an inlet of the nozzle to the outlet of the nozzle.
  - 7. An ejector cycle comprising:

a compressor for compressing and discharging a refrigerant;

a first heat exchanger disposed for cooling the refrigerant discharged from the compressor;

an ejector including a nozzle for decompressing and expanding the refrigerant flowing from the first heat exchanger;

a gas-liquid separator for separating refrigerant from the ejector into gas refrigerant and liquid refrigerant;

a second heat exchanger disposed for evaporating liquid refrigerant from the gas-liquid separator, wherein:

the nozzle has a throat portion having a cross-sectional area that is smallest in a refrigerant passage of the nozzle; and

the ejector further includes a pressure-increasing portion in which the refrigerant from the evaporator is sucked by entraiment of a refrigerant flow injected from the nozzle and is mixed with the refrigerant injected from the nozzle, and an adjustment unit that is disposed to adjust an opening degree of the throat portion and an opening degree of an outlet of the nozzle.

8. The ejector according to claim 7, wherein the adjustment

unit includes a needle valve that extends at least from the throat portion to the outlet of the nozzle.

- 9. The ejector according to claim 7, wherein the needle valve is disposed to be moved in an axial direction of the nozzle to adjust both the opening degree of the throat portion and the opening degree of the outlet of the nozzle.
- 10. The ejector according to claim 7, further comprising an actuator for moving the needle valve in an axial direction of the nozzle.